



Whereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

PATENT  
Docket No.: 021773-000310US

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

On November 9, 2004

TOWNSEND and TOWNSEND and CREW LLP  
By: Eleanor J. Taylor

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Jack Y. Jau et al.

Application No.: 10/649,599

Filed: August 26, 2003

For: METHOD AND APPARATUS FOR  
SCANNING SEMICONDUCTOR  
WAFERS USING A SCANNING  
ELECTRON MICROSCOPE

Confirmation No.: 4963

Examiner: James P. Hughes

Technology CenterArt Unit: 2881

NOTICE REGARDING SMALL ENTITY  
STATUS

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicants are entitled to claim small entity status, and therefore respectfully request to change the entity status to small entity for the above-referenced patent.

Respectfully submitted,

Kent J. Tobin  
Reg. No. 39,496

TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, Eighth Floor  
San Francisco, California 94111-3834  
Tel: (415) 576-0200  
Fax: (415) 576-0300  
KJT:ejt  
60351010 v1

**COPY**

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Hermes-Microvision, Inc., of 1595 McCandless Drive, Milpitas, CA, 95035 hereinafter referred to as "Assignor," is the owner of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: METHOD AND APPARATUS FOR SCANNING  
SEMICONDUCTOR WAFERS USING A SCANNING  
ELECTRON MICROSCOPE

Filing Date: 09/22/2000

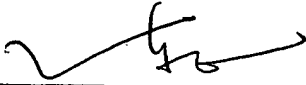
Application No.: 09/668,697 and

WHEREAS, Hermes-Microvision (Taiwan) Inc., of 18 Creation Road 1 Science Park, Hsin-Chu, 300 Taiwan, R.O.C., hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, including U.S. Patent No. 6,710,342, issued 03/23/2004, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole (including U.S. Patent Application No. 10/649,599, filed 08/26/2003), continuation in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that it will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has signed its name on the dates indicated.

  
\_\_\_\_\_  
Zhong Wei Chen, Ph.D.  
President  
Hermes-Microvision, Inc.  
1595 McCandless Drive  
Milpitas, CA 95035

Dated: \_\_\_\_\_

4/5/04

Attorney Docket No.: 021773-000200US

## ASSIGNMENT OF PATENT APPLICATION

**COPY**

WHEREAS, Hermes-Microvision, Inc., of 1595 McCandless Drive, Milpitas, CA, 95035 hereinafter referred to as "Assignor," is the owner of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: SWINGING OBJECTIVE RETARDING IMMERSION  
LENS ELECTRON OPTICS FOCUSING, DEFLECTION &  
SIGNAL COLLECTION SYSTEM AND METHOD

Filing Date: 02/25/2000

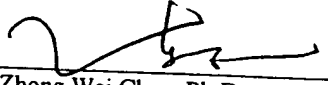
Application No.: 09/513,306 and

WHEREAS, Hermes-Microvision (Taiwan) Inc., of 18 Creation Road 1, Science Based Industrial Park, Hsinchu, Taiwan, 300 R.O.C., hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, including U.S. Patent No. 6,392,231, issued on 05/21/2002, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole (including U.S. Patent Application Nos. 10/113,002, filed 03/28/2002, and 10/601,124, filed 06/20/2003), continuation in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that it will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has signed its name on the dates indicated.

  
\_\_\_\_\_  
Zhong Wei Chen, Ph.D.  
President  
Hermes-Microvision, Inc.  
1595 McCandless Drive  
Milpitas, CA 95035

Dated: 4/5/04



PTO/SB/95 (08-03)

Attorney Docket No. 021773-000310US

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Jack Y. Jau et al.Application No./Patent No.: 10/649,599Filed/Issue Date: August 26, 2003Entitled: METHOD AND APPARATUS FOR SCANNING SEMICONDUCTOR WAFERS USING A  
SCANNING ELECTRON MICROSCOPEHermes-Microvision (Taiwan) Inc., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is \_\_\_\_\_%

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Jack Y. Jau and Zhongwei Chen To: Hermes-Microvision, Inc.  
The document was recorded in the United States Patent and Trademark Office at  
Reel 014328, Frame 0226, or for which a copy thereof is attached.

2. From: Hermes-Microvision, Inc. To: Hermes Microvision (Taiwan) Inc.  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

(NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8)

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

2004-11-8  
Date

408-273-5800  
Telephone number

Chung-Shih Pan, Ph.D.

Typed or printed name

[Signature]  
Signature

Vice President of Operations  
Hermes Microvision (Taiwan) Inc.

Title

ASSIGNMENT OF PATENT APPLICATION

**COPY**

WHEREAS, Hermes-Microvision, Inc., of 1595 McCandless Drive, Milpitas, CA, 95035 hereinafter referred to as "Assignor," is the owner of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: METHOD AND APPARATUS FOR SCANNING  
SEMICONDUCTOR WAFERS USING A SCANNING  
ELECTRON MICROSCOPE

Filing Date: 08/26/2003

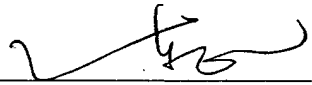
Application No.: 10/649,599 and

WHEREAS, Hermes-Microvision (Taiwan) Inc., of 18 Creation Road 1 Science Park, Hsin-Chu, 300 Taiwan, R.O.C., hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that it will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has signed its name on the dates indicated.

  
\_\_\_\_\_  
Zhong Wei Chen, Ph.D.  
President  
Hermes-Microvision, Inc.  
1595 McCandless Drive  
Milpitas, CA 95035

Dated: 4/5/04